

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/052,855DATE: 07/27/98
TIME: 10:04:06

INPUT SET: S3259.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information

- (i) APPLICANT: BILLING-MEDEL, PATRICIA
COHEN, MAURICE
COLPITTS, TRACEY L.
FRIEDMAN, PAULA N.
GORDON, JULIAN
GRANADOS, EDWARD N.
HAYDEN, MARK
HODGES, STEVEN C.
KLASS, MICHAEL R.
KRATOCHVIL, JON D.
ROBERTS-RAPP, LISA
RUSSELL, JOHN C.
STROUPE, STEPHEN D.

Does Not Comply
Corrected Diskette Needed

- (ii) TITLE OF THE INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE GASTROINTESTINAL
TRACT

- (iii) NUMBER OF SEQUENCES: 30

(iv) CORRESPONDENCE ADDRESS:

- (A) ADDRESSEE: Abbott Laboratories
(B) STREET: 100 Abbott Park Road
(C) CITY: Abbott Park
(D) STATE: IL
(E) COUNTRY: USA
(F) ZIP: 60064-3500

(v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Diskette
(B) COMPUTER: IBM Compatible
(C) OPERATING SYSTEM: DOS
(D) SOFTWARE: FastSEQ for Windows Version 2.0

(vi) CURRENT APPLICATION DATA:

- (A) APPLICATION NUMBER:
(B) FILING DATE:
(C) CLASSIFICATION:

--> OK

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/052,855DATE: 07/27/98
TIME: 10:04:08

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47 (vii) PRIOR APPLICATION DATA:
48 (A) APPLICATION NUMBER: 08/828,489
49 (B) FILING DATE: 31-MAR-1997
50
51
52
53 (viii) ATTORNEY/AGENT INFORMATION:
54 (A) NAME: Becker, Cheryl L.
55 (B) REGISTRATION NUMBER: 35,441
56 (C) REFERENCE/DOCKET NUMBER: 6064.US.P1
57
58 (ix) TELECOMMUNICATION INFORMATION:
59 (A) TELEPHONE: 847/935-1729
60 (B) TELEFAX: 847/938-2623
61 (C) TELEX:
62
63
64 (2) INFORMATION FOR SEQ ID NO:1:
65
66 (i) SEQUENCE CHARACTERISTICS:
67 (A) LENGTH: 273 base pairs
68 (B) TYPE: nucleic acid
69 (C) STRANDEDNESS: single
70 (D) TOPOLOGY: linear
71
72 (ix) FEATURE:
73 (A) NAME/KEY: base_polymorphism
74 (B) LOCATION: 3
75 (D) OTHER INFORMATION: /note= " N' represents an A or G or
76 T or C polymorphism at this position"
77
78 (ix) FEATURE:
79 (A) NAME/KEY: base_polymorphism
80 (B) LOCATION: 55
81 (D) OTHER INFORMATION: /note= " N' represents an A or G or
82 T or C polymorphism at this position"
83
84 (ix) FEATURE:
85 (A) NAME/KEY: base_polymorphism
86 (B) LOCATION: 62
87 (D) OTHER INFORMATION: /note= " N' represents an A or G or
88 T or C polymorphism at this position"
89
90 (ix) FEATURE:
91 (A) NAME/KEY: base_polymorphism
92 (B) LOCATION: 190 *see next page - "N" at position 189*
93 (D) OTHER INFORMATION: /note= " N' represents an A or G or
94 T or C polymorphism at this position"
95
96 (ix) FEATURE:
97 (A) NAME/KEY: base_polymorphism
98 (B) LOCATION: 201
99 (D) OTHER INFORMATION: /note= " N' represents an A or G or

*Please ensure all "N" locations are accurately
shown throughout
sequence listing*

RAW SEQUENCE LISTING
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100 T or C polymorphism at this position"

101

102 (ix) FEATURE:

103 (A) NAME/KEY: base_polymorphism

104 (B) LOCATION: 204

105 (D) OTHER INFORMATION: /note= " N' represents an A or G or

106 T or C polymorphism at this position"

107

108 (ix) FEATURE:

109 (A) NAME/KEY: base_polymorphism

110 (B) LOCATION: 206

111 (D) OTHER INFORMATION: /note= " N' represents an A or G or

112 T or C polymorphism at this position"

113

114 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

115

| | | | | | | | |
|-----|------------|------------|------------|------------|------------|------------|-----|
| 116 | GGNCAGAGCC | TGCGCAGGGC | AGGAGCAGCT | GGCCCACTGG | CGGCCCGCAA | CACTNCGTCT | 60 |
| 117 | TNACCCTCTG | GGCCCACTGC | ATCTAGAGGA | GGGCCGTCTG | TGAGGCCACT | ACCCCTCCAG | 120 |
| 118 | CAACTGGGAG | GTGGGACTGT | CAGAAGCTGG | CCCAGGGTGG | TGGTCAGCTG | GGTCAGGGAC | 180 |
| 119 | CTACGGCANC | TGCTGGACCA | NCTNGNCTTT | TCCATCGAAG | CAGGGAAGTG | GGAGCCTTGA | 240 |
| 120 | GCCCTTGGGT | GGAAGCTTGA | CCCCAAGCCA | CTT | | | 273 |

121

122 (2) INFORMATION FOR SEQ ID NO:2:

123

124 (i) SEQUENCE CHARACTERISTICS:

125 (A) LENGTH: 250 base pairs

126 (B) TYPE: nucleic acid

127 (C) STRANDEDNESS: single

128 (D) TOPOLOGY: linear

129

130 (ix) FEATURE:

131 (A) NAME/KEY: base_polymorphism

132 (B) LOCATION: 69

133 (D) OTHER INFORMATION: /note= " N' represents an A or G or

134 T or C polymorphism at this position"

135

136 (ix) FEATURE:

137 (A) NAME/KEY: base_polymorphism

138 (B) LOCATION: 97

139 (D) OTHER INFORMATION: /note= " N' represents an A or G or

140 T or C polymorphism at this position"

141

142 (ix) FEATURE:

143 (A) NAME/KEY: base_polymorphism

144 (B) LOCATION: 140

145 (D) OTHER INFORMATION: /note= " N' represents an A or G or

146 T or C polymorphism at this position"

147

148 (ix) FEATURE:

149 (A) NAME/KEY: base_polymorphism

150 (B) LOCATION: 223

151 (D) OTHER INFORMATION: /note= " N' represents an A or G or

152 T or C polymorphism at this position"

RAW SEQUENCE LISTING
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153

154

155

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

156

157

AGAGCCTGCG CAGGGCAGGA GCAGCTGGCC CACTGGCGGC CCGCAACACT CCGTCTCACC 60

158

CTCTGGGCNC ACTGCATCTA GAGGAGGGCC GTCTGTNAGG CCACTACCCC TCCAGCAACT 120

159

GGGAGGTGGG ACTGTCAGAN GCTGGCCCAG GGTGGTGGTC AGCTGGGTCA GGGACCTACG 180

160

GCACCTGCTG GACCACCTCG CTTTCTCCAT CGAAGCAGGG AANTGGGAGC CTCGAGCCCT 240

161

CGGGTGGGAG 250

162

163

(2) INFORMATION FOR SEQ ID NO:3:

164

165

(i) SEQUENCE CHARACTERISTICS:

166

(A) LENGTH: 250 base pairs

167

(B) TYPE: nucleic acid

168

(C) STRANDEDNESS: single

169

(D) TOPOLOGY: linear

170

171

(ix) FEATURE:

172

(A) NAME/KEY: base_polymorphism

173

(B) LOCATION: 68

174

(D) OTHER INFORMATION: /note= " N' represents an A or G or
T or C polymorphism at this position"

175

176

177

(ix) FEATURE:

178

(A) NAME/KEY: base_polymorphism

179

(B) LOCATION: 232

180

(D) OTHER INFORMATION: /note= " N' represents an A or G or
T or C polymorphism at this position"

181

182

183

(ix) FEATURE:

184

(A) NAME/KEY: base_polymorphism

185

(B) LOCATION: 233

186

(D) OTHER INFORMATION: /note= " N' represents an A or G or
T or C polymorphism at this position"

187

188

189

190

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

191

192

TGGCGGCCCG CAACACTCCG TCTCACCCTC TGGGCCCACT GCATCTAGAG GAGGGCCGTC 60

193

TGTGAGGNCA CTACCCCTCC AGCAACTGGG AGGTGGGACT GTCAGAATCT GGCCAGGGT 120

194

GGTGGTCAGC TGGGTCAGGG ACCTACGGCA CCTGCTGGAC CACCTCGCCT TCTCCATCGA 180

195

AGCAGGGAAG TGGGAGCCTC GAGCCCTCGG GTGGAAGCTG ACCCCAAGCC ANNCTTCACC 240

196

TGGACAGGAT 250

197

198

(2) INFORMATION FOR SEQ ID NO:4:

199

200

(i) SEQUENCE CHARACTERISTICS:

201

(A) LENGTH: 233 base pairs

202

(B) TYPE: nucleic acid

203

(C) STRANDEDNESS: single

204

(D) TOPOLOGY: linear

205

RAW SEQUENCE LISTING
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206
207 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
208
209 CCCTCTGGGC CCACTGCATC TAGAGGAGGG CCGTCTGTGA GGCCACTACC CCTCCAGCAA 60
210 CTGGGAGGTG GGACTGTCAG AAGCTGGCCC AGGGTGGTGG TCAGCTGGGT CAGGGACCTA 120
211 CGGCACCTGC TGGACCACCT CGCCTTCTCC ATCGAAGCAG GGAAGTGGGA GCCTCGAGCC 180
212 CTCGGGTGGA AGCTGACCCC AAGCCACCCT TCACCTGGAC AGGATGAGAG TGT 233
213
214 (2) INFORMATION FOR SEQ ID NO:5:
215
216 (i) SEQUENCE CHARACTERISTICS:
217 (A) LENGTH: 287 base pairs
218 (B) TYPE: nucleic acid
219 (C) STRANDEDNESS: single
220 (D) TOPOLOGY: linear
221
222 (ix) FEATURE:
223 (A) NAME/KEY: base_polymorphism
224 (B) LOCATION: 17
225 (D) OTHER INFORMATION: /note= " N' represents an A or G or
226 T or C polymorphism at this position"
227
228 (ix) FEATURE:
229 (A) NAME/KEY: base_polymorphism
230 (B) LOCATION: 60
231 (D) OTHER INFORMATION: /note= " N' represents an A or G or
232 T or C polymorphism at this position"
233
234 (ix) FEATURE:
235 (A) NAME/KEY: base_polymorphism
236 (B) LOCATION: 193
237 (D) OTHER INFORMATION: /note= " N' represents an A or G or
238 T or C polymorphism at this position"
239
240 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
241
242 CACGAGGGCC GTCTGTNAGG CCACTACCCC TCCAGCAACT GGGAGGTGGG ACTGTCAGAN 60
243 GCTGGCCCAG GGTGGTGGTC AGCTGGGTCA GGGACCTACG GCACCTGCTG GACCACCTCG 120
244 CCTTCTCCAT CGAAGCAGGG AAGTGGGAGC CTCGAGCCCT CGGGTGGGAAG CTGACCCCAA 180
245 GCCACCCTTC ACNTGGACAG GATGAGAGTG TCAGGTGTGC TTCGCCTCCT GGCCCTCATC 240
246 TTTGCCATAG TCACGACATG GATGTTTATT CGAAGCTACA TGAGCTT 287
247
248 (2) INFORMATION FOR SEQ ID NO:6:
249
250 (i) SEQUENCE CHARACTERISTICS:
251 (A) LENGTH: 263 base pairs
252 (B) TYPE: nucleic acid
253 (C) STRANDEDNESS: single
254 (D) TOPOLOGY: linear
255
256
257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
258



PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/052,855

DATE: 07/27/98
TIME: 10:04:17

INPUT SET: S3259.raw

| Line | Error | Original Text |
|------|-----------------------------------|---------------------|
| 16 | Response Exceeds Line Limitations | RUSSELL, JOHN C. |
| 17 | Response Exceeds Line Limitations | STROUPE, STEPHEN D. |